

Title (en)
Magnetic ink character recognition system

Title (de)
Erkennungssystem für Zeichen mit magnetischer Tinte

Title (fr)
Système de reconnaissance de caractères à encre magnétique

Publication
EP 0388755 B1 19961218 (EN)

Application
EP 90104686 A 19900313

Priority
JP 6226689 A 19890316

Abstract (en)
[origin: EP0388755A2] In a magnetic ink character recognition system provided in a magnetic ink character reader, the system includes; a read unit for detecting magnetic flux generated from each magnetic ink character separately printed in every field in a check or bill, and outputting a digital signal read therefrom; a storage unit operatively connected to the read unit for storing the digital signals output from the read unit; a field sort unit operatively connected to the storage unit for receiving the digital signals from the storage unit in every field and sorting the digital read signals for each field; a decision unit operatively connected to the field sort unit for receiving the digital read signal sorted by the field sort unit, judging the thickness of the magnetic ink character in every field, and determining a representative thickness value in every field; a correction unit operatively connected to the storage unit and the decision unit for receiving the digital signals from the storage unit and correcting the digital signals based on decision data output from the decision unit for every field; and a recognition unit operatively connected to the correction unit for determining whether or not the corrected signals are readable.

IPC 1-7
G06K 9/18

IPC 8 full level
G06K 9/00 (2006.01); **G06K 9/20** (2006.01); **G06K 9/36** (2006.01)

CPC (source: EP US)
G06V 30/2253 (2022.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
EP 0388755 A2 19900926; EP 0388755 A3 19920812; EP 0388755 B1 19961218; DE 69029417 D1 19970130; DE 69029417 T2 19970403; ES 2095217 T3 19970216; JP 2727010 B2 19980311; JP H02242490 A 19900926; US 4984281 A 19910108

DOCDB simple family (application)
EP 90104686 A 19900313; DE 69029417 T 19900313; ES 90104686 T 19900313; JP 6226689 A 19890316; US 49360890 A 19900315